



GT-180

Nonwoven Geotextile

SKAPS GT-180 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GT-180 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. SKAPS GT-180 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)	TYPICAL VALUE**
Weight (Mass per Unit Area)	ASTM D 5261	oz/yd ² (g/m ²)		8.00 (271)
Thickness*	ASTM D 5199	mils (mm)		80 (2.03)
Grab Tensile	ASTM D 4632	lbs (kN)	205 (.912)	241 (1.070)
Grab Elongation	ASTM D 4632	%	50	70
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	85 (.380)	95 (0.420)
Puncture Resistance	ASTM D 4833	lbs (kN)	120 (.534)	145 (0.645)
CBR Puncture Strength	ASTM D 6241	lbs (kN)	535 (2.380)	630 (2.802)
Mullen Burst Strength	ASTM D 3786	psi(kPa)	350 (2413)	412 (2,840)
Permittivity*	ASTM D 4491	l/sec	1.35	1.5
Permeability*	ASTM D 4491	cm/sec	0.3	0.41
Water Flow*	ASTM D 4491	gpm/sf (l/min/sm)	90 (3667)	100 (4074)
AOS*	ASTM D 4751	US Sieve (mm)	80 (.180)	80 -100 (.180 -.150)
UV Resistance	ASTM D 4355	%/hrs	70/500	80/500

* At the time of manufacturing. Handling, storage, and shipping may change these properties.

** Typical values are for comparison purpose only.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. SKAPS assumes no liability in connection with the use of this information.

PACKAGING	
Roll Dimensions (W x L) – Meters	3.81 x 109.75 / 4.57 x 91.46
Square Meters Per Roll	418.06
Estimated Roll Weight – Kg	113.3

Effective Date: 01/04/2010